Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously Presented) A security system for securing data in a computer network comprising:

a plurality of user terminals coupled to the computer network;

a plurality of cryptographic devices remote from the plurality of user terminals and coupled to the computer network, wherein each cryptographic device includes a computer executable code for authenticating one or more users and verifying that the authenticated user is authorized to assume a role, and wherein each cryptographic device is capable of performing value management functions for one or more users; and

a plurality of security device transaction data for ensuring authenticity of the one or more users, wherein each security device transaction data is related to a user,

wherein each cryptographic device is not dedicated to particular user terminals, and

wherein each cryptographic module is programmable to service any of the plurality of user terminals.

- 2. (Previously Presented) The system of claim 1, wherein the security device transaction data related to a user is loaded into one of the plurality of cryptographic devices when the user requests to operate on a value bearing item.
- (Original) The system of claim 1, wherein the assumed role includes one or more corresponding operations to be performed by the authenticated user.
- 4. (Original) The system of claim 1, wherein the assumed role is a security officer role to initiate a key management function.

- (Original) The system of claim 1, wherein the assumed role is a key custodian 5. role to take possession of shares of keys.
- (Original) The system of claim 1, wherein the assumed role is an administrator б. role to manage a user access control database.
- (Original) The system of claim 1, wherein the assumed role is an auditor role to 7. manage audit logs.
- (Original) The system of claim 1, wherein the assumed role is a provider role to withdraw from a user account.
- 9. (Original) The system of claim 1, wherein the assumed role is a user role to operate on a VBI.
- (Original) The system of claim 1, wherein the assumed vole is a certificate 10. authority role to allow a public key certificate to be loaded and verified.
- (Previously Presented) The system of claim 1, wherein each cryptographic device 11. includes a state machine for determining a state corresponding to availability of one or more commands in conjunction with the role.
- (Previously Presented) The system of claim 1, wherein each cryptographic device 12. is stateless.
- (Previously Presented) The system of claim 1, wherein each cryptographic 13. device includes a computer executable code for preventing unauthorized modification of data.
- 14. (Previously Presented) The system of claim 1, wherein each cryptographic device includes a computer executable code for ensuring the proper operation of cryptographic security and VBI related meter functions.

- (Original) The system of claim 1, wherein at least one of the user is an enterprise 15. account.
- (Previously Presented) The system of claim 1, wherein each cryptographic device 16. includes a computer executable code for supporting multiple concurrent users and maintaining a separation of roles and operations performed by each user.
 - (Original) The system of claim 2, wherein the value bearing item is a mail piece. 17.
- (Previously Presented) The system of claim 17, wherein the mail piece comprises 18. a digital signature.
- (Previously Presented) The system of claim 1, wherein one of the plurality of 19. cryptographic devices encrypts validation information according to a user request for printing a VBI.
- (Previously Presented) The system of claim 17, wherein one of the plurality of 20. cryptographic devices generates data sufficient to print a postal indicium in compliance with postal service regulation on the mail piece.
 - (Original) The system of claim 2, wherein the value bearing item is a ticket. 21.
- (Original) The system of claim 2, wherein a bar code is printed on the value 22. bearing item.
- (Original) The system of claim 1, wherein each security device transaction data 23. includes an ascending register value, a descending register value, a respective cryptographic device ID, an indicium key certificate serial number, a licensing ZIP code. a key token for an indicium signing key, user secrets, a key for encrypting user secrets, data and time of last transaction, last challenge received from a respective client subsystem, an operational state of the respective device, expiration dates for keys, and a passphrase repetition list.

- (Original) The system of claim 1, wherein each security device transaction data 24. includes a private key, a public key, and a public key certificate, wherein the private key is used to sign device status responses and a VBI which, in conjunction with a public key certificate, demonstrates that the device and the VBI are authentic.
- (Original) The system of claim 1 further comprising at least one more 25. cryptographic device remote from the plurality of user terminals coupled to the computer network, wherein the at least one more cryptographic device includes a computer executable code for authenticating any of the plurality of users.
- (Previously Presented) The system of claim 25, wherein one of the plurality of 26. cryptographic devices shares a secret with the at least one more cryptographic device.
- (Original) The system of claim 25, wherein one of the plurality of cryptographic 27. devices is a master device and generates a master key set (MKS).
- (Original) The system of claim 27, wherein the MKS includes a Master 28. Encryption Key (MEK) used to encrypt keys when stored outside the device and a Master Authentication Key (MAK) used to compute a DES MAC for signing keys when stored outside of the device.
- (Original) The system of claim 27, wherein the MKS is exported to other 29. cryptographic devices by any cryptographic device.
 - 30. 68. (Cancelled)